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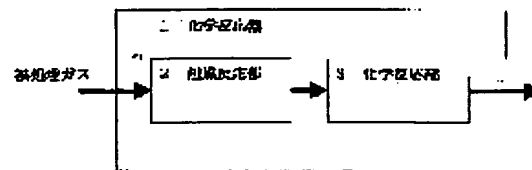
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## (54) CHEMICAL REACTOR

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a chemical reactor which is capable of cleaning NO<sub>x</sub> with high efficiency with little consumption when excess oxygen exists in waste combustion gas.

SOLUTION: The chemical reactor for effecting the chemical reaction of materials to be treated in the presence of the excess oxygen has a chemical reaction section for progressing the chemical reaction of the materials to be treated and a catalyst reaction section for lowering an oxygen concentration and is characterized in that the chemical reactor has a constitution arranged with the catalyst reaction section in the up stream part of the chemical reaction section and the excess oxygen is reduced by utilizing the catalyst reaction in effecting the chemical reaction.



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